

Lavy Ngo

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CAREER OBJECTIVE

Adaptable Computer Science major currently attending the University of Missouri-Kansas City. Eager to leverage my strong foundation in programming, web-based design, and database development to contribute to a dynamic team in a challenging and fast-paced tech environment. Committed to continuous learning at the forefront of emerging technologies while delivering exceptional results and driving organizational success.

My portfolio (react base - mobile friendly): <https://master.d3eaenpgueuznu.amplifyapp.com/>

EDUCATION

University of Missouri-Kansas City

Bachelor of Science (B.S.) Computer Science Candidate

Graduated May 2022

GPA: 3.529

Master of Science (M.S.) Computer Science

Graduated May 2024

GPA: 3.042

Extracurricular Activities

- **Dean's List:** Fall 2018, Spring/Fall 2020, Spring/Fall 2021

SKILLS

Programming Languages: HTML, CSS, JavaScript, React, Python, Java, SQL, C++

Integrated Development Environment: Visual Studio Code, Android Studio, Microsoft Visual Studio, Oracle VM Virtual Box, familiar with GCP or AWS.

PROJECTS

IoT Smart Parking System Camera (Aug 2023 – Dec 2023) (PHP/Python/MySQL)

- Designed the user interface (login/signup form) for the parking website
- Connected user information to the database (MySQL-planetscale) and saved it for sign-in/sign-up purposes
- Retrieved data from the backend (camera) database and exposed it to the website (Checking if the parking slot was available or not)

UMKC School Project – GTA Application Form (Jan 2022 – May 2022) (HTML/CSS/JavaScript)

- Developed an in-house web app using HTML/CSS/JavaScript that allowed students to log in and sign up for TA positions.
- Collaborated with another developer to collect users' data and save it to the database by building an input/output.

IMDB Data Analysis (Jan 2023 – May 2023) (Python 3)

- Partnered with another peer to analyze, clean, and visualize the 2021 IMDB dataset.
- Understood the trending, rating, movie attributes, the budget of the movie, and profit earned by the movie by looking at the shape, volume, and feature statistics from all the graphs, and plots we created.

Android Studio Project (Jan 2022 – May 2022) (Java)

- Created UI design and created all the functions on a Wikipedia look-alike Android application about rock bands in the 80s.
- Tested and ran smoothly on a real Android phone.

WORK EXPERIENCE

Student Assistant in Clear My Record Expungement Project (Jan 2021 – April 2021)

- Searched the data for keywords and compared those statutes with the expungement statute under §610.140.2 law to determine if the statutes were excluded from expungement.
- Built a table using Python library to automate data and clean up the one we do not use in the project (saved up several 4 - 6 weeks of sorted data).

Student Research Assistant at Multimedia Computing & Communication Lab (May 2022 – Aug 2022)

- Applied models and data to understand a current 3-D point cloud model.
- Updated the newest MinkowskiEngine version (from 0.4.3 to 0.5.x) to the project.